

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12N9/52 C12N15/57 A23J3/34

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BIOSIS, EMBASE, Sequence Search

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	LAO G ET AL: "Cloning, sequencing, and expression of a Thermomonospora fusca protease gene in Streptomyces lividans" APPLIED AND ENVIRONMENTAL MICROBIOLOGY, WASHINGTON, DC, US, vol. 62, no. 11, November 1996 (1996-11), pages 4256-4259, XP002285856 ISSN: 0099-2240 abstract; figure 2	1,2, 9-11,15
X	US 5 646 028 A (LEIGH SCOTT D) 8 July 1997 (1997-07-08) claims 1-11; sequence 2 ----- -/--	1,2, 9-11,15, 20



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

7 October 2004

Date of mailing of the international search report

05/11/2004

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02/055717 A (KOLKMAN MARC ; GENENCOR INT (US)) 18 July 2002 (2002-07-18) page 8, line 23 - page 9, line 20 page 16, lines 19-28 claims 1,18,30,37	1,2
A	WO 01/58276 A (HOFFMANN LA ROCHE ; OESTERGAARD PETER RAHBK (DK); SJOEHOLM CARSTEN (D) 16 August 2001 (2001-08-16) page 4, lines 13-34; claims 1-12; sequence 1	1-20

Information on patent family members

International Application No

/DK2004/000431

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5646028	A	08-07-1997	NONE	
WO 02055717	A	18-07-2002	EP 1354056 A2 WO 02055717 A2 US 2002182672 A1	22-10-2003 18-07-2002 05-12-2002
WO 0158276	A	16-08-2001	AU 3544601 A AU 4236601 A BR 0108164 A BR 0108165 A CA 2395266 A1 CA 2395343 A1 CN 1398161 T CN 1398162 T WO 0158275 A2 WO 0158276 A2 EP 1257175 A2 EP 1257176 A2 JP 2003521907 T JP 2003521908 T PL 357638 A1 PL 357668 A1 US 2004161448 A1 US 2001026797 A1 US 2003021774 A1	20-08-2001 20-08-2001 21-01-2003 25-02-2003 16-08-2001 16-08-2001 19-02-2003 19-02-2003 16-08-2001 16-08-2001 20-11-2002 20-11-2002 22-07-2003 22-07-2003 26-07-2004 26-07-2004 19-08-2004 04-10-2001 30-01-2003